

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Calder et al.

Application No.: 08/831,845

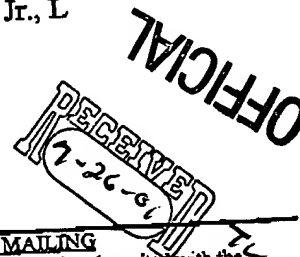
Filed: April 1, 1997

Title: METHOD AND APPARATUS FOR  
DISCOVERING AND ACTIVATING  
SOFTWARE COMPONENTS

Attorney Docket No.: SUN1P123/P2167

Examiner: Bullock Jr., L

Group: 2151



## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Assistant Commissioner for Patents, Washington, DC 20231 on July 10, 2001.

Signed: Leslie Russell

Leslie Russell

## AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Please consider the following amendments and remarks in response to the Office Action mailed on June 5, 2001.

## IN THE CLAIMS

Please enter the amendments provided below. All pending claims have been reproduced in an appendix below for the convenience of the Examiner. The appendix pages may be treated as substitute pages for the pages of claims in the present application.

1. A computer-implemented framework for associating data with a command object, the command object being arranged to operate on the data, wherein the data is associated with an application, the computer-implemented framework comprising:

a data handler mechanism arranged [to] as a generic interface with the application, wherein the generic interface allows use of new command objects without modifying the application;

a data retriever mechanism in communication with the data handler mechanism, the data retriever mechanism being arranged to obtain the data and to pass the data to the data handler mechanism; and

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